LIMITED WARRANTY

If you purchased this product new in the U.S. or Puerto Rico, **CORTELCO** warrants it against defects in material and workmanship for a period of two (2) years from the date of original purchase. This warranty is in lieu of all other express warranties. During the warranty period, **CORTELCO** agrees to repair or, at its option, replace the defective product, or any part of it without charge for parts or labor. This is your exclusive remedy. This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, the affixing of any attachment not provided by **CORTELCO** with the product and loss of parts. The warranty is voided in the event any unauthorized person alters or repairs the unit.

Telephone companies use different types of equipment and offer various types of services to customers. **CORTELCO does not warrant that this product is compatible with the type of equipment of any particular phone company or the services provided by it**.

CORTELCO DISCLAIMS ANY IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AS OF THE DATE TWO YEARS FROM THE ORIGINAL PURCHASE OF THE PRODUCT. **CORTELCO** ASSUMES NO RESPONSIBILITY FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

If failure occurs and your telephone is in warranty, service shall be provided by returning it to **CORTELCO - Repair Center, 1703 Sawyer Road, Corinth, Mississippi 38834, shipping prepaid**. The product will be repaired or replaced if examination by us determines the product to be defective. Telephones received damaged as a result of shipping will require you to file a claim with the carrier.

CORTELCO

8780 Line Powered Caller ID Speaker Phone
INSTRUCTION MANUAL

Table of Contents

FCC INFORMATION

Part 68 is a Federal regulation which requires equipment to be tested and registered with the FCC prior to its connection to the network. This equipment complies with Part 68 of FCC rules. On the bottom of the telephone is a label that contains, among other information, the FCC Registration Number and the Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

The **Ringer Equivalence Number**, which is used to determine the number of devices you may connect to your phone line, indicates the amount of power that your telephone draws from the telephone company line during ringing. If you have more than one telephone (or other terminal device) connected to the telephone company line, you should total the ringer equivalence numbers (REN s), and be sure that the total is not more than five. Your telephones may not ring if the total is more than five. Also, in some rural locations, your telephone may not ring if the REN total is more than three.

RESTRICTIONS You must not connect your telephone to coin-operated lines or party lines.

INSTALLATION This model telephone must be connected to the telephone company lines through a modular jack. The required USOC for the modular jack is RJ11C for desk mounting and RJ11W for wall mounting. The USOC number is printed on the label on the bottom of your telephone.

HEARING-AID COMPATIBILITY The handset on your telephone will work with magnetically- coupled hearing aids. You can use a hearing aid equipped with a T (Telephone) switch.

IN CASE OF TROUBLE If your telephone should cause problems on the telephone line, the telephone company can temporarily disconnect your service. The telephone company must then notify and allow you to correct the problem. The telephone company may from time to time change its lines or equipment. They must notify you if planned changes will affect your telephone service, to allow you to take steps to prevent interruptions.

Part 15 regulates the electromagnetic energy emitted by equipment to minimize interference to radio, television, and other wireless devices. This telephone complies with Part 15 of the FCC Rules. In the unlikely event that interference occurs, move the telephone and/or radio, television, etc. to increase the separation distance.

TELEPHONE REPAIR

DO NOT ATTEMPT TO REPAIR THIS PRODUCT YOURSELF.
Telephones manufactured by CORTELCO must be returned to us for repair.

You can return your telephone to CORTELCO for repair or replacement in accordance with our LIMITED WARRANTY. CORTELCO warrants **THIS PRODUCT** against defects in material and workmanship in accordance with our LIMITED WARRANTY. If your telephone is returned for repair, include a copy of your sales receipt containing the date-of-purchase. DO NOT INCLUDE THE ORIGINAL SALES RECEIPT.

If date-of-purchase is not included, the factory date printed on the bottom of your telephone will be used as the date-of-purchase. The factory date allows six months for distribution and sale of this product.

If you return your telephone for repair, the warranty period is not extended. The original date-of-purchase continues to apply to your warranty.

OUT-OF-WARRANTY REPAIR We will repair this product for a nominal fee after the LIMITED WARRANTY has expired if you send it to us in a complete and undamaged condition. The repaired telephone will be shipped to you C.O.D., freight collect.

RETURN-FOR-REPAIR PACKAGING If you are returning a unit to us for repair, package it carefully, preferably in the original carton. Be sure to include your return address, a copy of the sales receipt showing date-of-purchase, and a note describing the problem you have with your telephone. Shipping must be prepaid. If the telephone is in warranty, it will be repaired or replaced, at our option, at no cost to you, and it will be returned shipping prepaid. Ship your telephone (shipping prepaid) to:

CORTELCO
REPAIR CENTER
1703 SAWYER ROAD
CORINTH, MS 38834

IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using your telephone equipment to reduce the risk of fire, electrical shock, and injury.

1. **Read and understand all instructions** in the Owner's Instruction Manual.
2. **Read all warnings** and follow all instructions marked on the product.
3. **Use a damp cloth for cleaning.** Do not use liquid or aerosol cleaners.
4. **Do not use the telephone near water**. For example, do not use near a bathtub, wash bowl, kitchen sink, laundry tub, swimming pool, or in a wet basement.
5. **Do not place this product on an unstable cart or stand**. The product may fall causing serious damage to the product.
6. **Do not place any objects on the telephone line cord**. Do not locate the telephone where the line cord will be walked on.
7. **Do not block or cover ventilation slots and openings** in the bottom of the telephone. The openings should never be blocked by placing the telephone on a bed, sofa, rug, or other similar surfaces. The telephone should never be placed near or over a radiator or heat register. The telephone should never be placed in a built-in installation unless proper ventilation is provided.
8. **Never spill liquid on the telephone or push objects of any kind through ventilation slots**. Liquid or objects may touch dangerous voltage points or short out parts that could result in a risk of fire or electrical shock.
9. **Do not disassemble this product**. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electrical shock when the product is subsequently used.
10. **Avoid using a telephone during a local thunderstorm**. There may be a remote risk of electrical shock from lightning.
11. **Do not use a telephone to report a gas leak in the vicinity of the leak**.
12. **Unplug the telephone from the wall outlet and refer servicing to qualified service personnel** under the following conditions:
    - When the line cord is frayed or plugs damaged.
    - If liquid has been spilled into the telephone.
    - If the telephone has been exposed to rain or water.
    - If the telephone does not operate properly by following the operating instructions. (Adjust only those controls covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.)
    - If the telephone has been dropped or the housing damaged.
    - If the telephone exhibits distinct change in performance.

CAUTION-Always disconnect all telephone lines from the wall outlet before servicing or disassembling this equipment.

SAVE THESE INSTRUCTIONS

TELEPHONE PART IDENTIFICATION
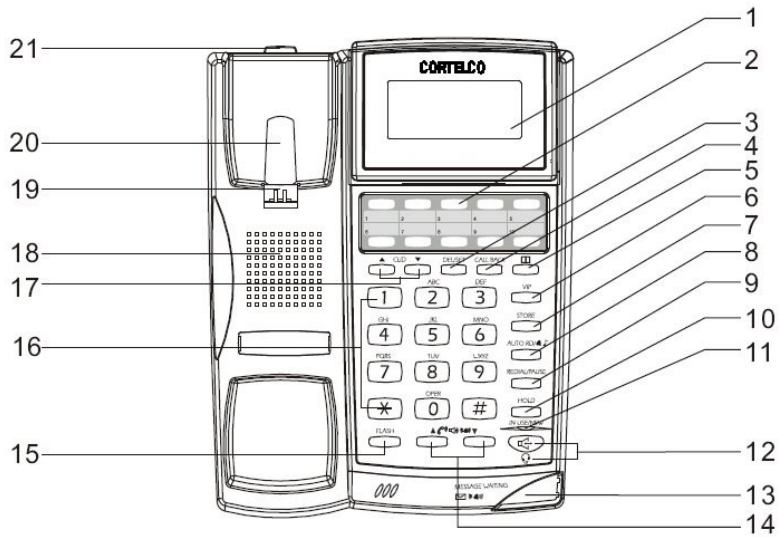
1. Liquid Crystal Display (Multi-Angle LCD) - Displays the phone number, date and time and other information.

2. One-Touch Memories - Phone numbers can be stored for speed dialing.

3. Del/Set - Press and Hold for 3 seconds to bring up menu. Press to enter and confirm settings. Press to delete or edit the telephone number when reviewing caller IDs.

4. Call Back - When reviewing Caller ID records, press to dial the saved number.

5. ▭ - Press to enter the phone book.

6. VIP - Press to enter, set or remove VIP numbers.

7. Store - Press to store the one-touch speed dial memories.

8. AUTO RD (Auto Redial/Change Ring Tone)

   a. Press to auto redial the last dialed number continuously until the phone is answered.

   b. Press and hold for 3 seconds to change ring tone.

9. Redial/Pause - Press to redial and review the last dialed numbers.

10. Hold - Press to place the line on hold.

TELEPHONE SERVICE PROBLEMS

If you have any problems with your telephone equipment service, determine if the problem is with your unit or the telephone company lines. BEFORE CALLING THE TELEPHONE COMPANY. Be aware that they may charge you for a service call if the problem is caused by your telephone equipment.

TROUBLESHOOTING

PHONE DOES NOT RING
- Line cord is disconnected at telephone outlet or at telephone end.
- Phone is **OFF HOOK**. Make certain the hookswitch is depressed when the handset is in the cradle.
- SPEAKERPHONE is on. Turn off speakerphone.

NO DIAL TONE
- Wire is disconnected at telephone jack or at wall jack. Test the telephone in a different wall jack. If it works, the first jack may be defective.

HAVE DIAL TONE BUT CANNOT DIAL OUT
- Incorrect dialing mode. Switch to DTMF or PULSE mode as needed.

BLANK SCREEN
- Since this unit is line powered, the screen is blank while not on a call.

CALLERS ARE NOT DISPLAYED ON THE SCREEN
- Verify that you have subscribed to the appropriate service (Caller ID and Call Waiting Caller ID) from your telephone company. If you only subscribed to Caller ID service this unit will not display the call waiting caller ID information.
- Check if your answering machine is set to answer the call before 2 rings.

Always disconnect all the telephone cords, and then reinstall the unit step by step per this instruction manual before asking for service.

MAINTENANCE INFORMATION

Treat your telephone with care for trouble-free performance. Avoid dropping the handset. Carefully place the handset on-hook after use. Avoid putting near heating appliances and devices that generate electrical noise (for example, motors and florescent lamps).

Clean your telephone with a damp cloth. Stains may be removed with a mild soap. Do not use liquid or aerosol detergents or cleaning agents.

Do not expose to direct sunlight or moisture

Retain the original package in case you need to ship it at a later date.

11. In Use/New
    a. Will light up when the unit is in use.
    b. Will flash when the unit has a new call.
    c. Will flash when the unit is on hold.

12. ⁤ - Speakerphone/Headset Button
    a. Press for handsfree dialing and speak without lifting the handset.
    b. Plug in headset to change to headset mode. Press to talk or to end the call.

13. Message Waiting/Ringing Indicator - Will flash when the unit has message waiting information or when it is ringing.

14. ▼ 🕽 ◁)) (((◀)) ▲ - Volume Adjustment Buttons
    a. While on-hook, press and hold for 3 seconds to adjust the ringer volume.
    b. While using the speakerphone, press to adjust the speaker-phone volume.
    c. While using the handset, press to adjust the handset volume.

15. Flash - Provides a line break signal for accessing PBX services or Call Waiting from your local telephone company.

16. Dialing Keys (0-9,*,#)

17. CLID ▲▼ - Review Up and Review Down Buttons
    a. Press to review Caller ID Records
    b. While in menu, use to select telephone settings.

18. Speaker

19. Wall Mounting Hook - Turn 180 degrees to hang up the handset when the unit is mounted on the wall.

20. Hookswitch - Press to end a call.

21. Handset Hook - When the unit is mounted on the wall, this is used to hang up the handset without hanging up the line.

22 23
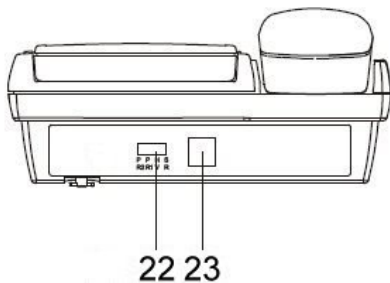
22. Message Waiting Switch – Choose different forms of message waiting.
23. Line Cord Jack - Connects telephone to telephone line.

24

25 26
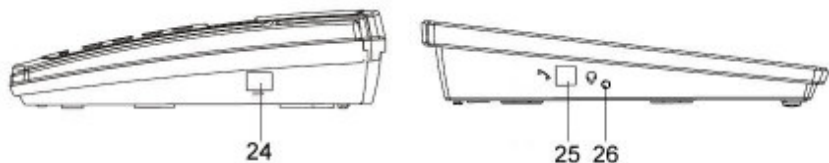
24. DATA PORT (RJ11) - Used to connect phone to a computer or modem.
25. Handset Jack
26. 2.5 mm Headset Jack

PHONE BOOK

1. **Store Phone Book Memories –** While on-hook, press . LCD will display ADD SEARCH
   a. Press CLID to add. Enter the name using the keypad. Use 0 to add a space. Use DEL/SET to delete characters.
   b. Press to enter the telephone number.
   c. Press to save and enter another name and phone number. You can store up to 80 names and phone numbers in the phone book. Once you reach 80, the LCD will display MEMORY FULL.

2. **Review Phone Book:**
   a. Press to access the phone book page. Press CLID and LCD will display "PLS Input Name". Enter the name to review the telephone number.
   b. Press CLID to review the phone book.
   c. Alphabetical searching is supported. If you enter a letter then you can review the phone book by the first letter of the name.

3. **Delete –** While reviewing the phone book, press and hold DEL/SET for 3 seconds to delete the name and number.

4. **Dialing from the Phone Book**
   a. While reviewing the phone book on-hook, go off hook to dial the displayed phone number.
   b. While reviewing the phone book off-hook, press REDIAL/PAUSE to dial the displayed phone number.

11. **Auto Redial –** With the phone on-hook, press AUTO RD to auto redial the last dialed number. If the line is busy when using the monitor, the phone will automatically redial the number up to 15 times.

12. **One-Touch Speed Dial Memories:**
   a. **STORE -** With the phone on-hook, press STORE, then input the phone number you wish to store (up to 32 digits). Then press the desired one-touch memory key (M1 – M10).
   b. **DIAL** - Go off hook and press M1 ~ M10 to dial the stored phone number automatically.

CALLER ID

1. **Caller ID Review –** While on-hook, press CLID ▼ or CLID ▲ to review the caller's phone number and the call time.

2. **Delete Caller IDs**
   a. Press CLID or CLID to find the call you wish to delete. Press DEL/SET once quickly to delete a single call.
   b. Press CLID or CLID until a Caller ID record is displayed. Press and Hold DEL/SET for 3 seconds to delete all calls.

3. **Call Back from the Caller IDs –** While on-hook, press CLID or CLID to select the number you wish to dial. Press CALL BACK and the number will be dialed. If you have set up LOCAL CODE and PREFIX, press CALL BACK twice to add a prefix and area code.

4. **VIP Number**
   a. While on-hook, press CLID or CLID to select a number you wish to set as a VIP number. Press VIP and the number will be set as a VIP number.
   b. To remove VIP designation, simply press VIP again while the number is displayed.

INSTALLATION

Desk Mount

1. Connect one end of the coiled cord to the jack in the handset and connect the other end to the handset jack in the base.

2. Plug one end of the line cord to the line jack in the base and connect the other end to the wall jack.

Wall Mount

1. Connect one end of the coiled cord to the jack in the handset and connect the other end to the handset jack in the base.

2. Plug one end of the short line cord to the line jack in the base. Route the cord through the slot in the wall mount wedge, and connect the other end to the wall jack.

3. Install the wall mount wedge in the 4 holes in the base of the telephone (or rotate 180° to elevate angle of phone in desk mount position).

MESSAGE WAITING SETUP

The 8780 Message Waiting switch (see Item 22 for location) provides 4 positions for different types of message waiting compatibility with a wide variety of message waiting sources. See the descriptions below to choose the switch position for your type of Message Waiting.

1. **SR** – Use this setting if you have FSK message waiting. This is the type of MW that is usually provided by the telephone company.

2. **HV** – Use this setting if your MW is 90V. This is usually provided by a PBX.

3. **PR1/PR2** – Use one of these settings if your MW is provided by an Avaya or Siemens PBX with this special function. Usually PR1 will function with Avaya and PR2 will function with Siemens.

FUNCTION SETUP

1. **Set the Language –** While on-hook, press and hold DEL/SET for 3 seconds to enter LANGUAGE SETUP. Press CLID ▲▼ to select the language. Press DEL/SET to confirm. The 8780 supports 10 languages: English, French, Spanish, Portuguese, Polish, Italian, Swedish, German, Dutch, and Turkish.

2. **Set the Contrast -** Press DEL/SET to access LCD CONTRAST setup. Press CLID to select the contrast (1-5). Press DEL/SET to confirm.

3. **Set Year, Date and Time -** Press DEL/SET to Access the YEAR, DATE and TIME setup. The digits of the year will flash. Press CLID to select the year and press DEL/SET to confirm. Use the same method to set the month, day, and time.

4. **Set Local Code -** Press DEL/SET to access the LOCAL AREA CODE setup, and the first of five digits will flash. Press CLID to select the digit and press DEL/SET to confirm. Use the same method to set the other digits. Example: If you set up area code 248, a call from (248)123-4567, will show on Caller ID as 123-4567 only.

5. **Set Prefix Code –** These codes are normally used to access a PSTN line from a PBX. After setting the local area codes, the first of three digits will flash. Press CLID to select the digit and press DEL/SET to save selection. Use the same method to set other digits if needed.

6. **Set the Ring Melodies –** The 8780 offers a choice of 16 different ring melodies. Press DEL/SET to access the RING MELODIES setup. Press CLID to select the desired melody (1-16) and press DEL/SET to confirm.

7. **Set the Ring Volume -** The 8780 offers a choice of 8 different ring volumes. Press DEL/SET to access the RING VOLUME setup. Press CLID to select the desired ring volume (1-8) and press DEL/SET to confirm.

8. **Set Flash Time -** Press DEL/SET to enter the FLASH TIME setup. Press CLID to select the flash time (100ms, 200ms, 300ms, 400ms, 600ms, 900ms) and press DEL/SET to confirm. Note: 600 mSec is the standard flash time for the United States.

9. **Set Pause Time -** Press DEL/SET to enter the PAUSE TIME setup. Press CLID to select the pause time (1.2S, 2.4S, 3.3S) and press DEL/SET to confirm.

10. **Set DTMF or Pulse Mode -** Press DEL/SET to access the dial mode setup. Press CLID to select the mode (DTMF or PULSE) and press DEL/SET to confirm.

11. **Set Caller ID Timings –** Press DEL/SET and the value for T1 will be displayed. Press DEL/SET again and the value for T2 will be displayed. Press DEL/SET again and the value for T3 will be displayed. These timing settings are for caller ID performance, and it is strongly suggested that the defaults be used.

OPERATION

TELEPHONE

1. **Make a Call -** Pick up the handset or press ⬓/◐ to get dial tone and dial the number. When the called party answers, the LCD will time the call automatically.

2. **Answer a Call -** Pick up the handset or press to answer a call.

3. **End a Call -** Hang up the handset or press to end a call.

4. **Switch Handset to Speakerphone -** Press and then hang up the handset to talk through the speakerphone.

5. **Switch Speakerphone to Handset –** While on a Speakerphone call, pick up the handset and the talk mode will switch automatically.

6. **Hold**

    a. **Handset –** While off-hook with the handset, press HOLD and the call will be muted. The LCD will say MUTE ON. You can still hear the other party, but the other party cannot hear you. Press HOLD again to return to the call. When the handset is hung up, the call is placed on HOLD and the IN USE/NEW LED flashes. Pick up the hand set again to return to the call or press to return to the call in speakerphone mode.

    b. **Speakerphone –** While off-hook with the speakerphone, press HOLD and the call will be placed on HOLD. Press HOLD or to return to the call in speakerphone mode. Pick up the handset again to return to the call in handset mode.

7. **Flash -** This function is used for transfer on most PBX systems and also for call waiting service from the telephone company.

8. **Pre-dial –** While on-hook, dial the phone number and then pick up the handset or press . The number will be dialed automatically.

9. **Pause -** Press REDIAL/PAUSE to insert a pause in a speed dial number.

10. **Redial**

    a. **Last Number –** Go off hook. Press REDIAL/PAUSE and the last number dialed will be dialed out.

    b. **Review –** While on-hook press REDIAL/PAUSE repeatedly to review the last 16 dialed numbers. When the desired number is displayed, go off hook and it will be dialed.